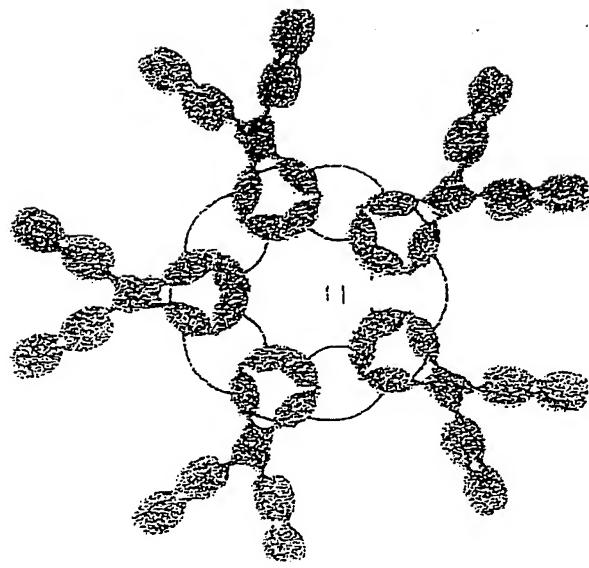
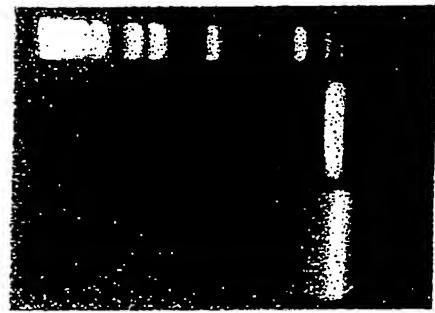


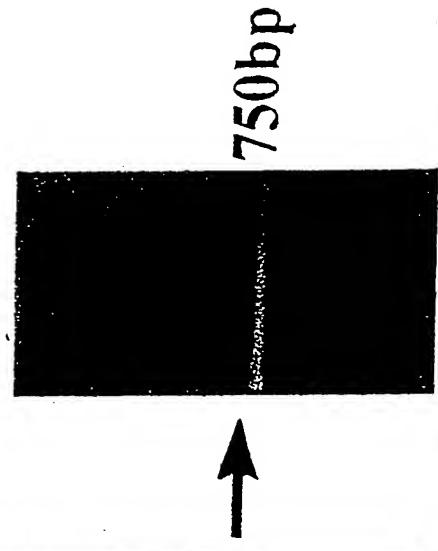
*FIG. 1A*



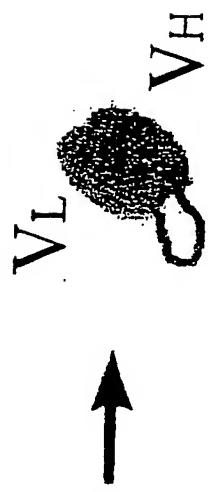
*FIG. 1B*



*FIG. 1C*



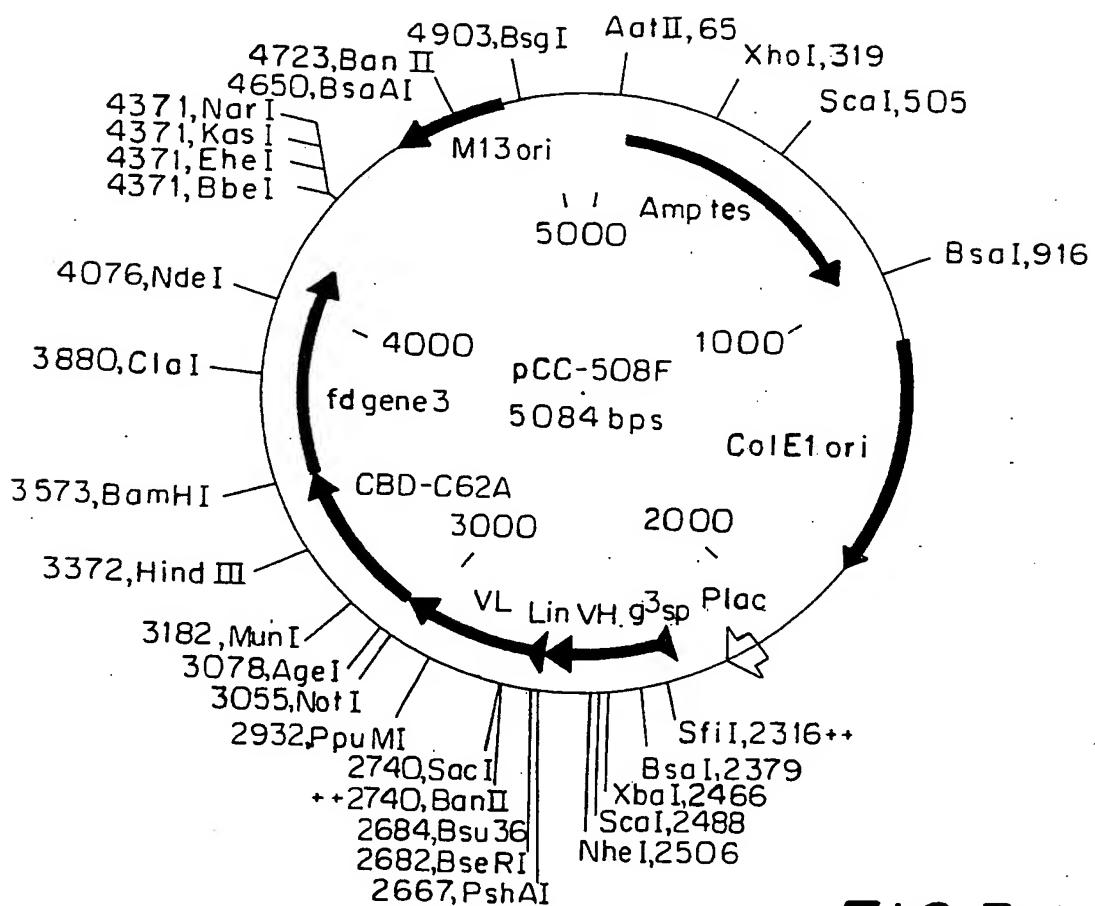
IgM 950Kd



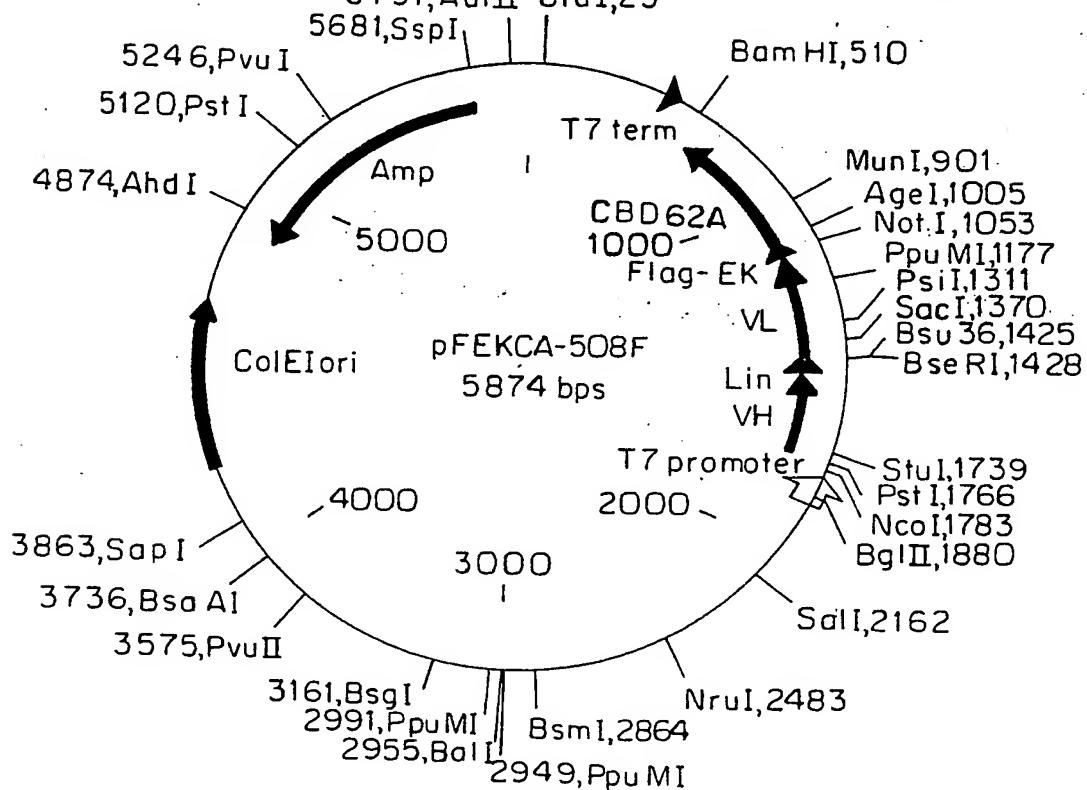
*FIG. 1D*

*FIG. 1E*

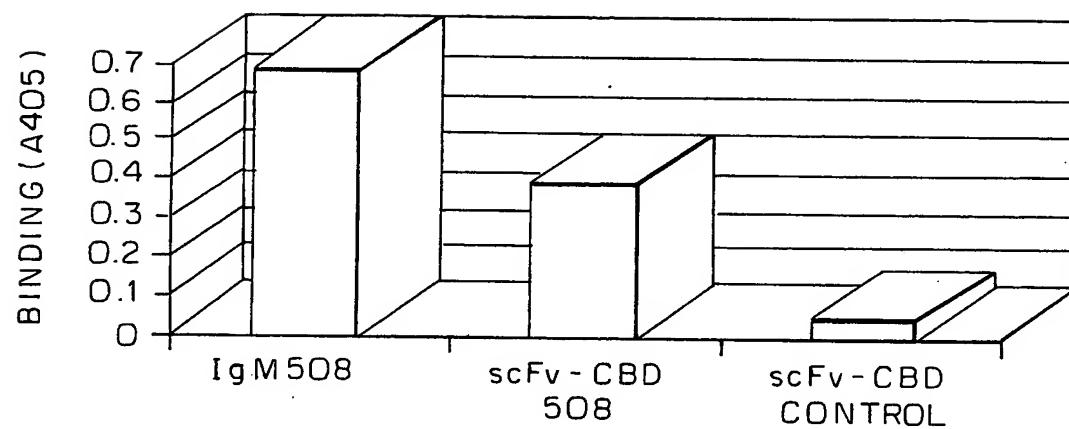
**FIG. 2**



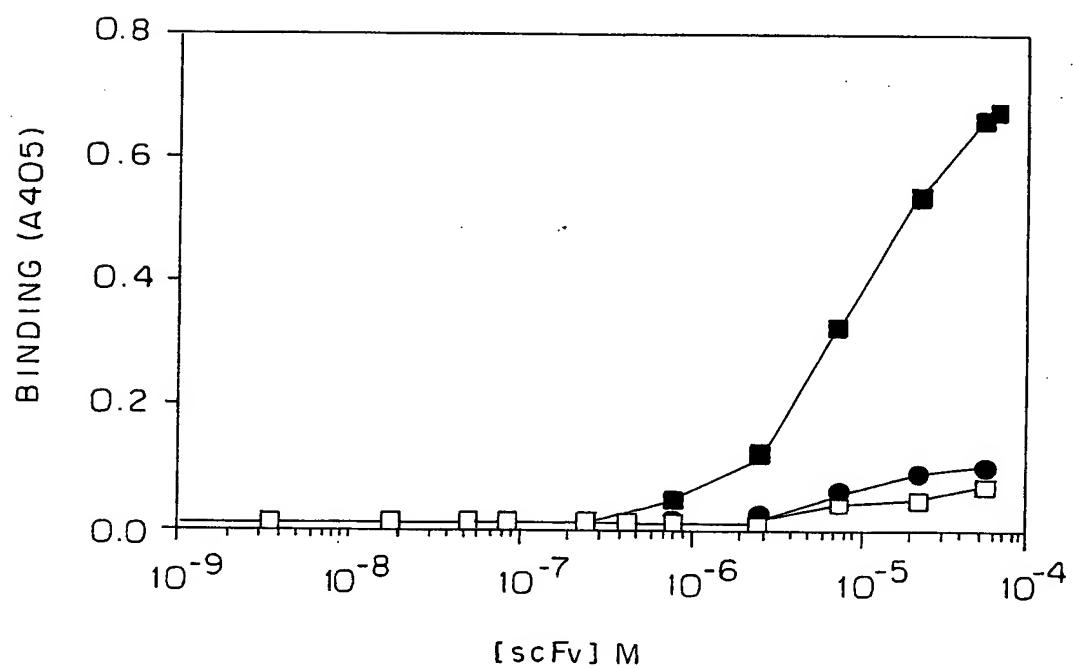
**FIG. 3**



*FIG. 4*



*FIG. 7*



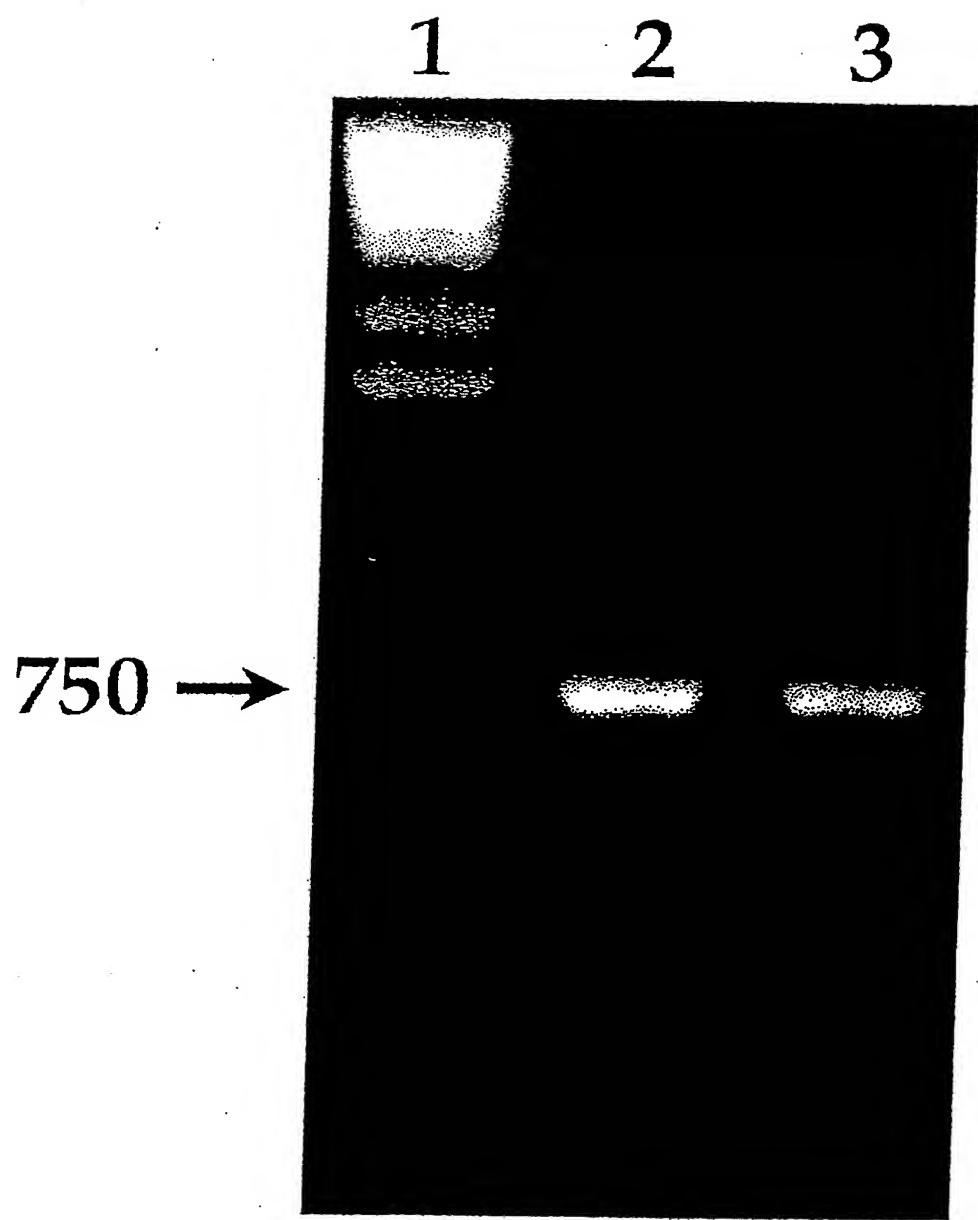
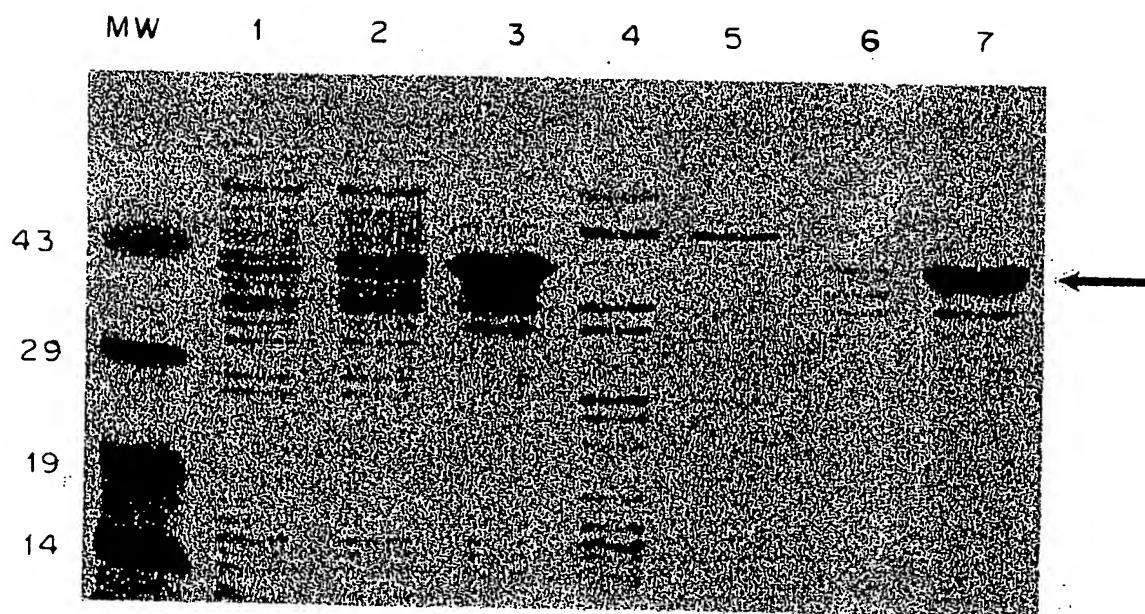


FIG. 5

*FIG. 6*



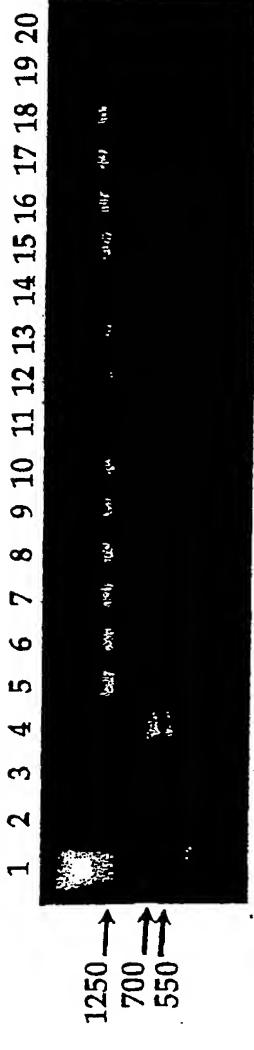


FIG. 8A

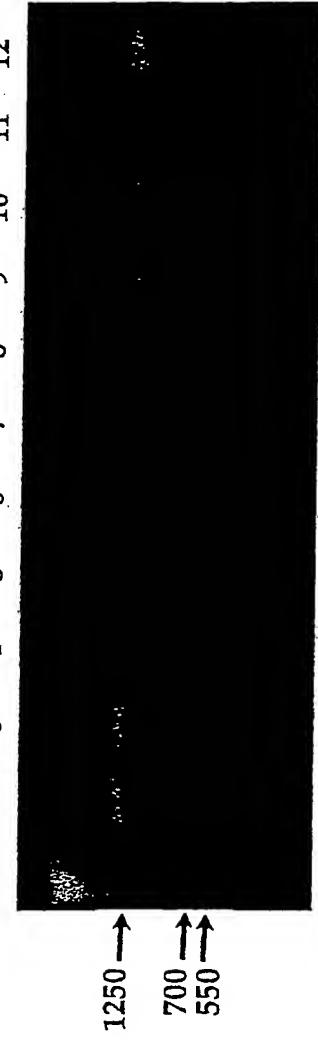
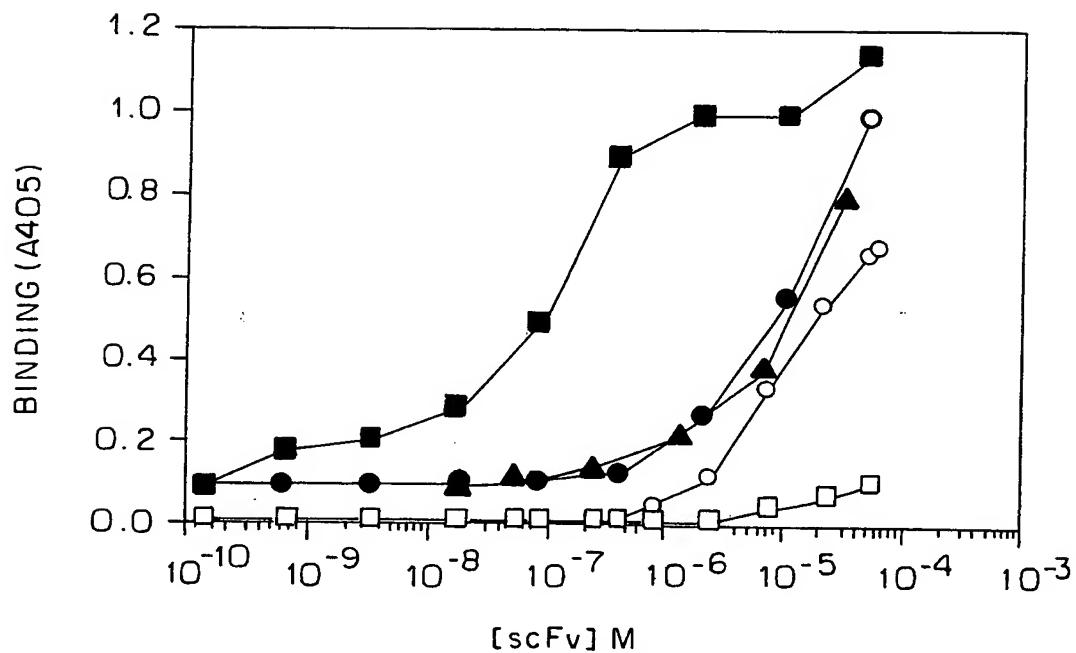
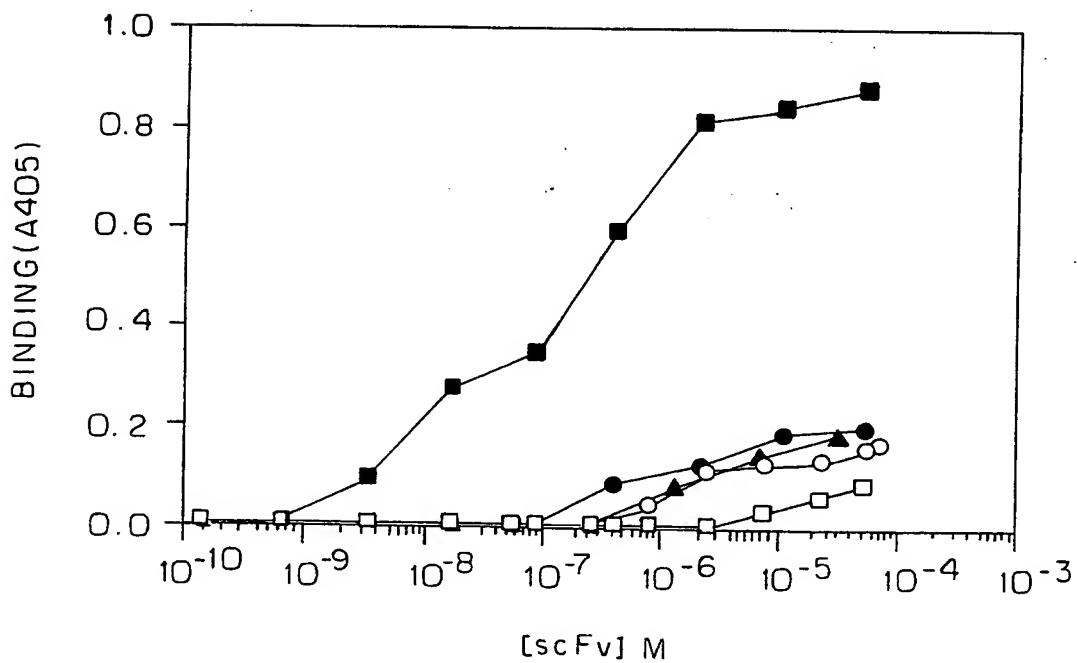


FIG. 8B

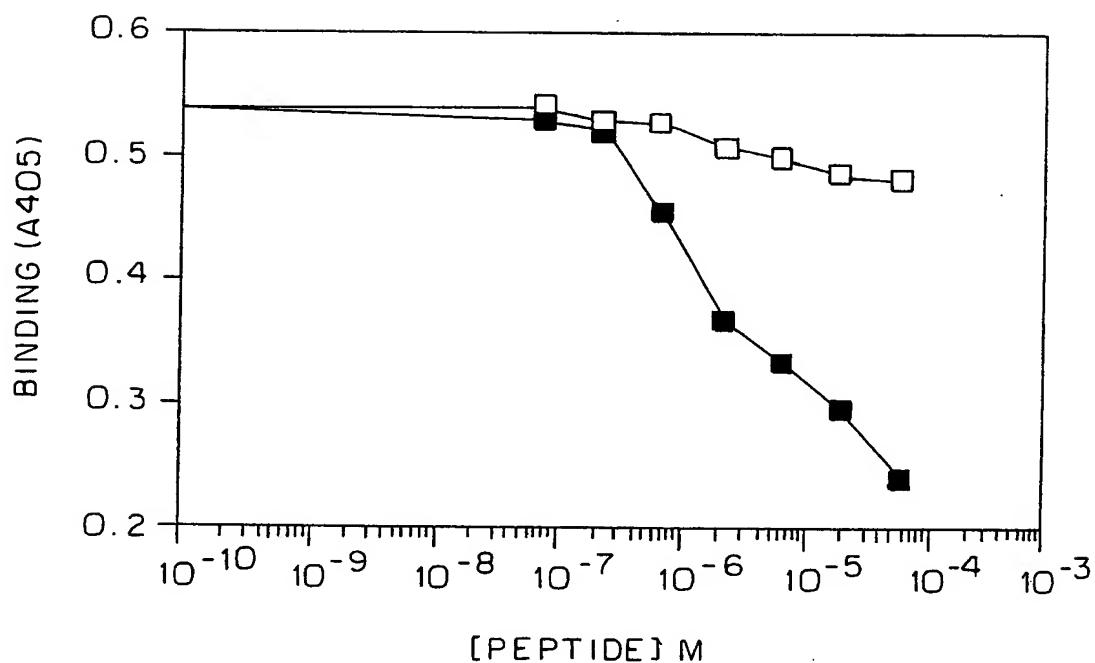
*FIG. 9a*



*FIG. 9b*



*FIG. 10*



## *F/G. 11a*

CAG GTC AAA CTG CAG GAG TCA GGG GCT GAG CTG GTG AGG CCT GGG GTC TCA GTG AAG ATT  
 gln val lys leu gln glu ser gly ala glu leu val arg pro gly val lys ser val lys ile

TCC TGC AAG GGT TCT GGC TAC ACA TTC ACT GAT TAT GCT ATG CAC TGG GTG AAG CAG AGT  
 ser cys lys gly ser gly tyr thr phe thr asp tyr ala met his trp val lys gln ser

CAT GCA AAG AGT CTA GAG TGG ATT GGA GRT ATT AGT ACT TAC TAT GGT GAT GCT AGC TAC  
 his ala lys ser leu glu trp ile gly val ile ser thr tyr tyr gly asp ala ser tyr

AAC CAG AGG TTC AAG GGC AAG GCC ACA ATG ACT GTC GAC AAA TCC TCC AGC ACA GCC TAT  
asn gln lys phe lys gly lys ala thr met thr val asp lys ser ser thr ala tyr

ATG GAA CTT GCC AGA CTC ACA TCT GAG GAT TCT GCC ATC TAT TAC TGT GCA AGA GGG GCT  
 met glu leu ala arg leu thr ser glu asp ser ala ile tyr tyr cys ala arg gly ala

ACT ATG TCC TAC TTT GAC TAC TGG CCC CAA GTG ACC ACG GTC ACC GTC TCC TCA ggt gga  
 thr met ser tyr phe asp tyr trp gly gln val thr thr val thr val ser ser gly gly

### **CDR 1**

### **CDR 2**

### **CDR 3**

## *F/G. 11b*

ggc ggt tca ggc gga gtt ggc tct ggc ggt ggc gga tcg GAC ATC GAG CTC ACT CAG TCT  
gly gly ser gly gly val gly ser gly gly ser asp ile glu leu thr gln ser

### **Linker**

CCA GCA ATC ATG TCT GCA TCT CCA GGG GAG AAG GTC ACC ATG ACC TGC AGT GCC AGC TCA  
 pro ala ile met ser ala ser pro gly glu lys val thr met thr cys ser ala ser ser

AGT ATA AGT TAC ATG CAC TGG TAT CAG CAG AAC CCA GGC ACC TCC CCC AAA AGA TGG ATT  
ser ile ser tyr met his trp tyr gln gln lys pro gly thr ser pro lys arg trp ile

### **CDR 1**

TAT GAC ACA TCC AAA CTC GCT TCT GGA GTC CCT GCT CGC TTC AGT GGC AGT GGG TCT GGG  
 tyr asp thr ser lys leu ala ser gly val pro ala arg phe ser gly ser gly ser gly

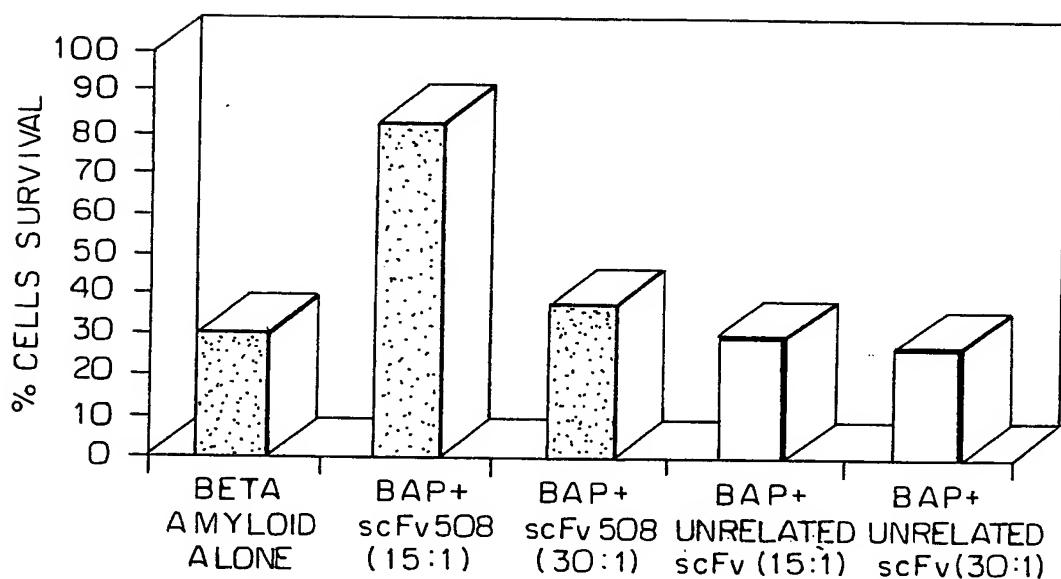
### **CDR 2**

ACC TCT TAT TCT CTC ACA ATC AGC AGC ATG GAG GCT GAA GAT GCT GCC ACT TAT TAC TGC  
 thr ser tyr ser leu thr ile ser ser met glu ala glu asp ala ala thr tyr tyr cys

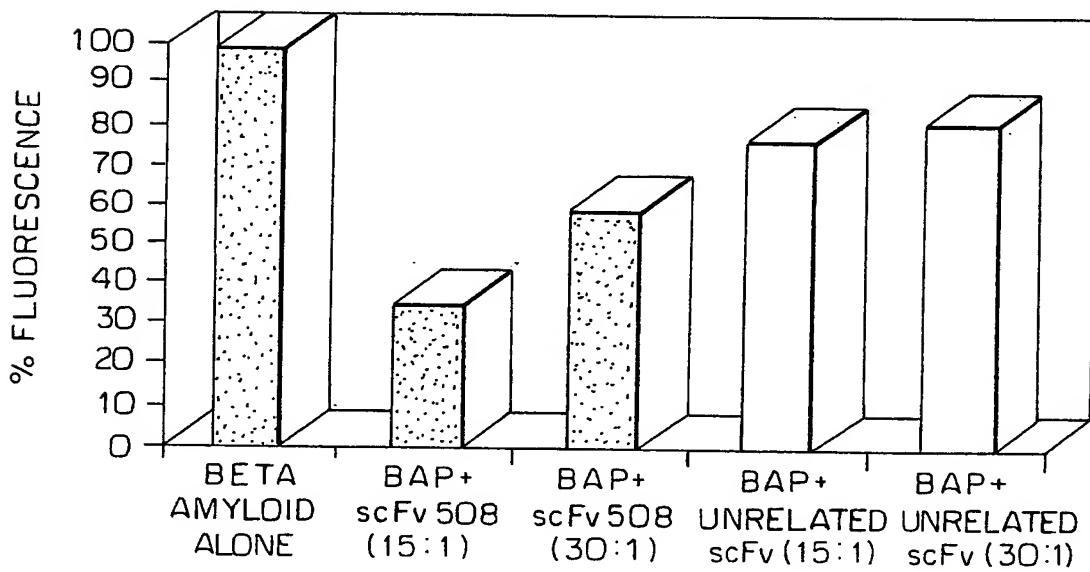
CAT CAG CCG AGT AGT TAC CCA TTC ACG TTC GGA GGG GGC AAG CTG GAA ATA AAA  
his gln arg ser ser tyr pro phe thr phe gly gly ala lys leu glu ile lys

### **CDR 3**

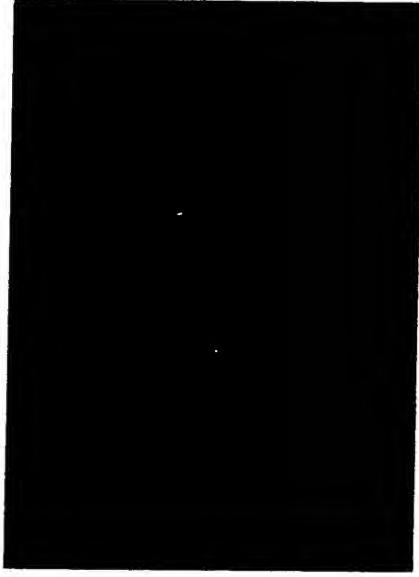
*FIG. 12*



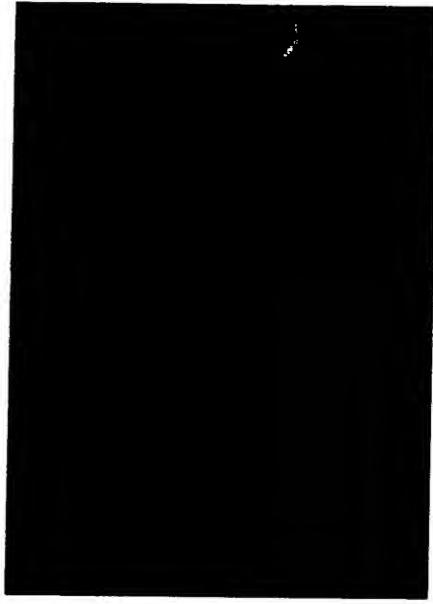
*FIG. 13*



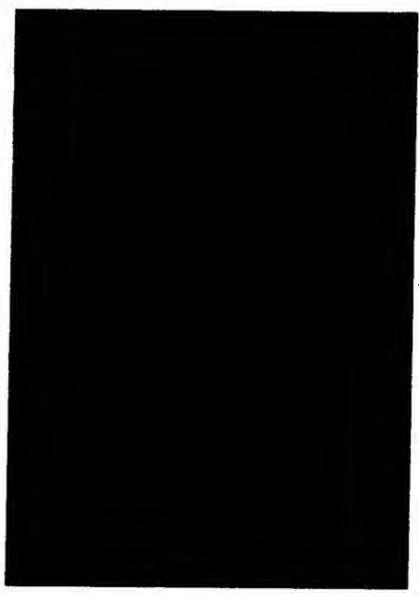
*FIG. 14A*



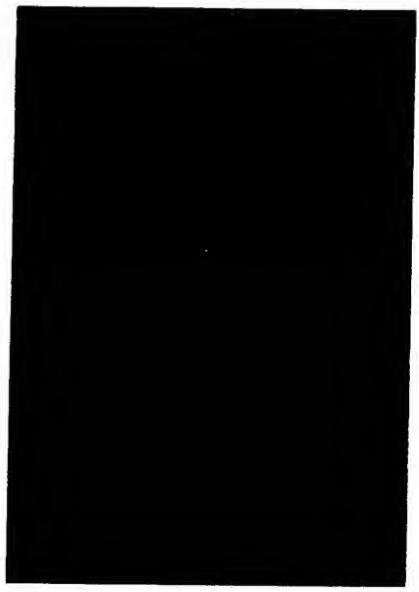
*FIG. 14C*



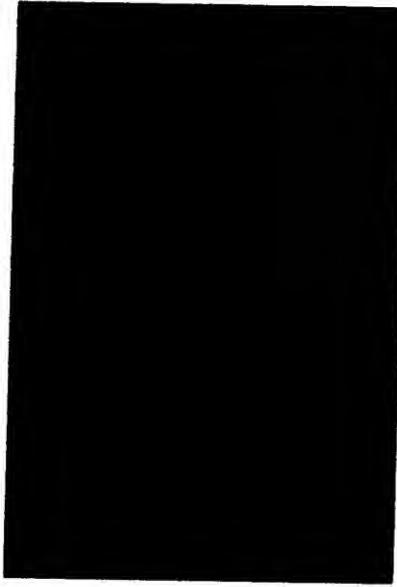
*FIG. 14B*



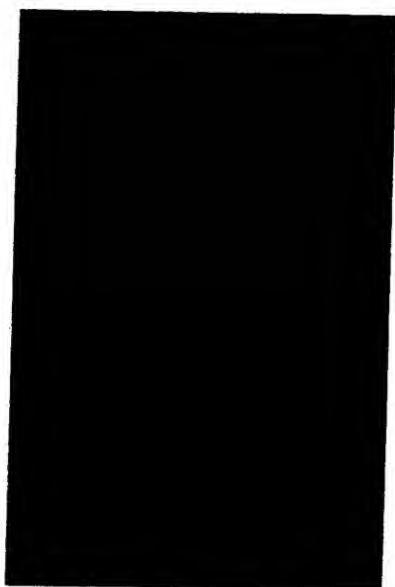
*FIG. 14D*



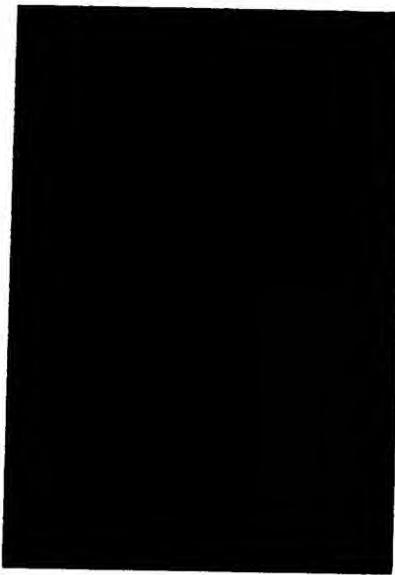
*FIG. 15A*



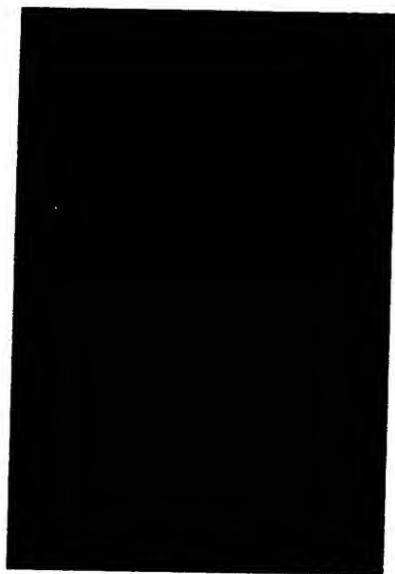
*FIG. 15B*



*FIG. 15C*



*FIG. 15D*



*FIG. 16A*



*FIG. 16C*



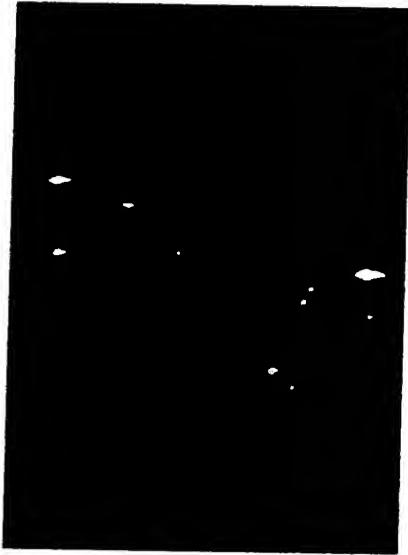
*FIG. 16B*



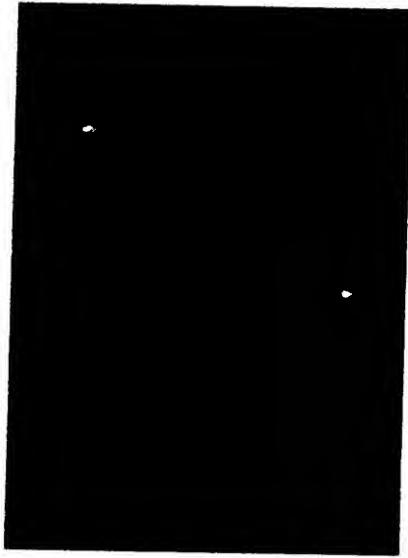
*FIG. 16D*



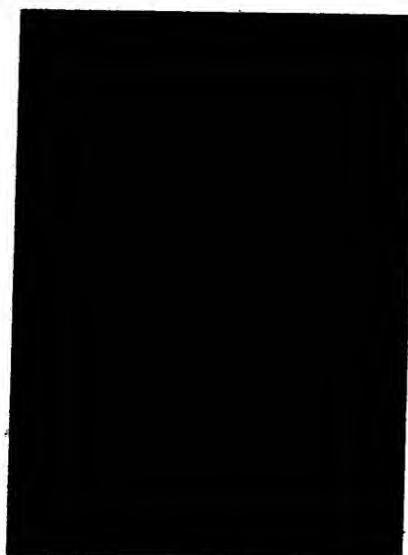
*FIG. 17A*



*FIG. 17C*



*FIG. 17B*



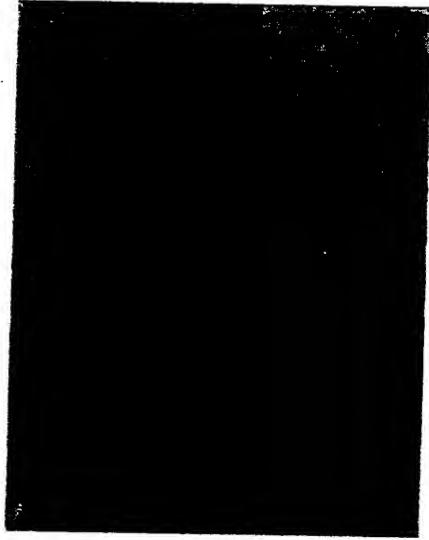
*FIG. 17D*



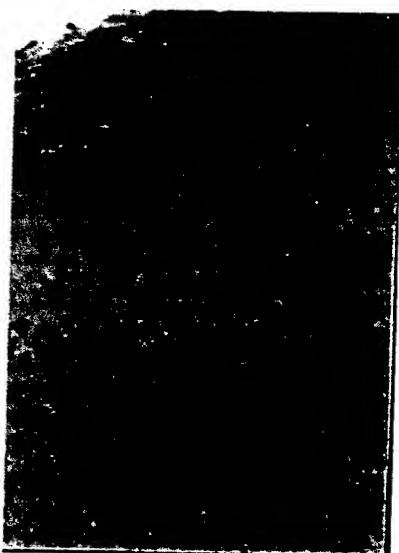
*FIG. 18A*



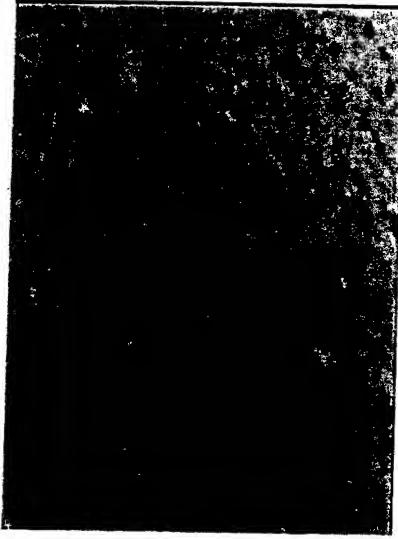
*FIG. 18C*



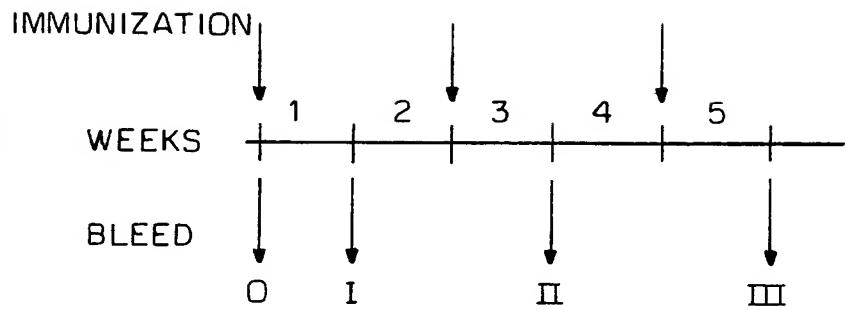
*FIG. 18B*



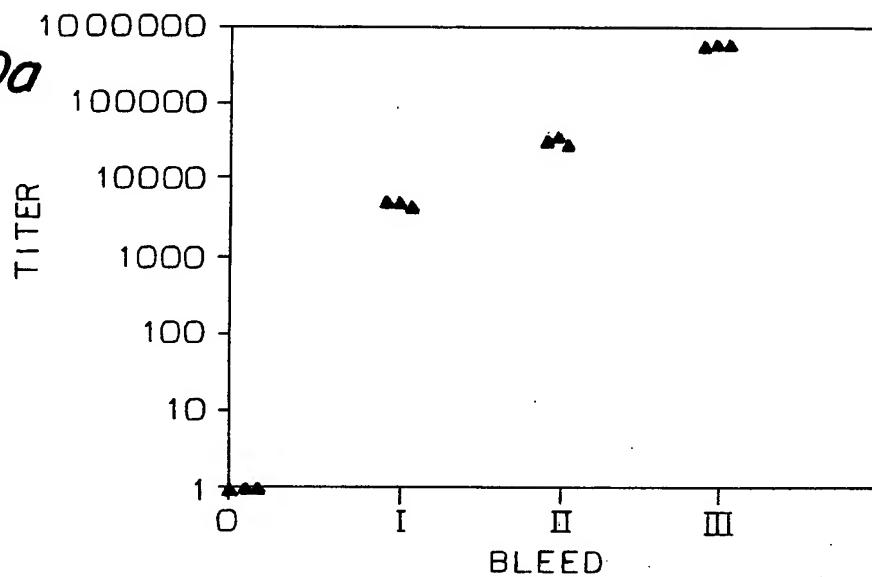
*FIG. 18D*



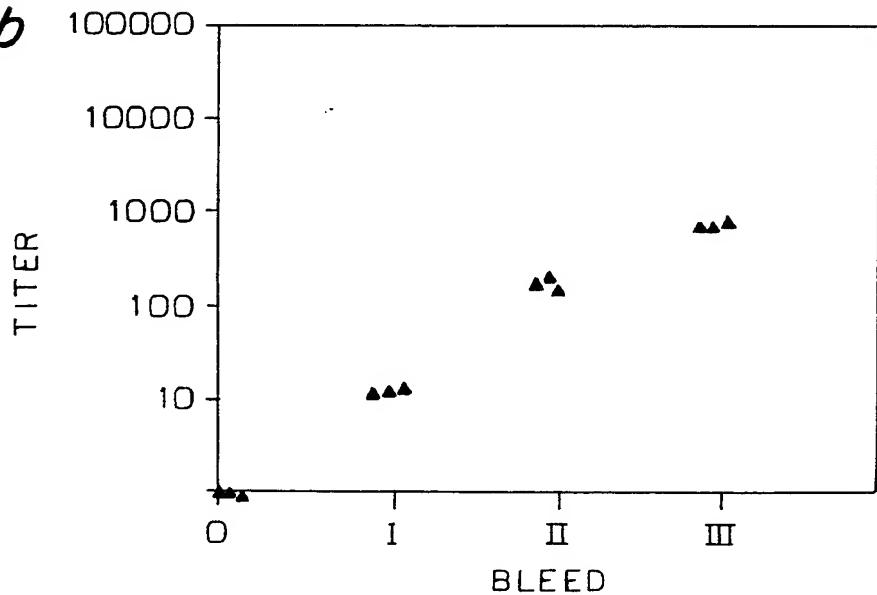
*FIG. 19*



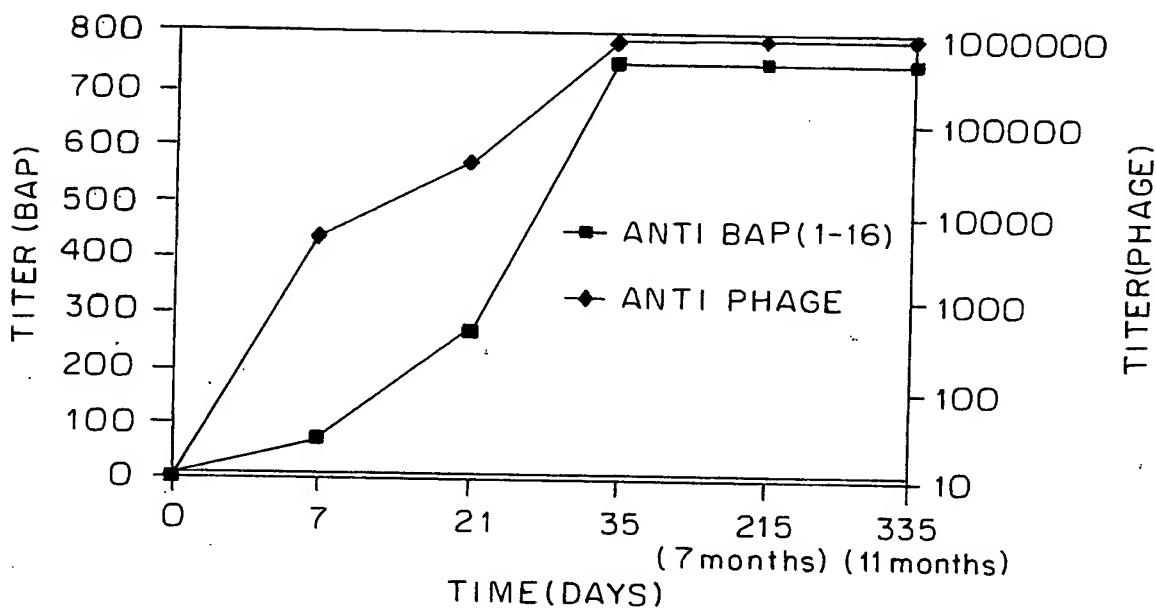
*FIG. 20a*



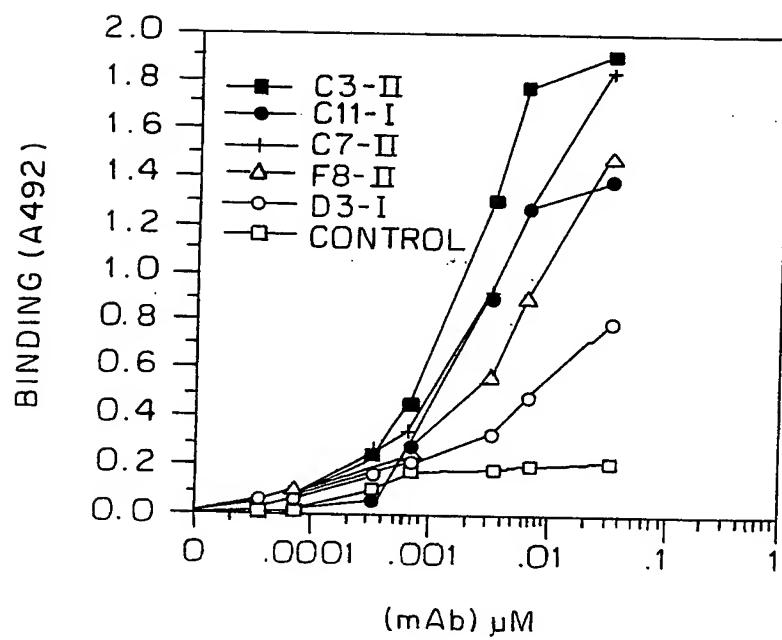
*FIG. 20b*



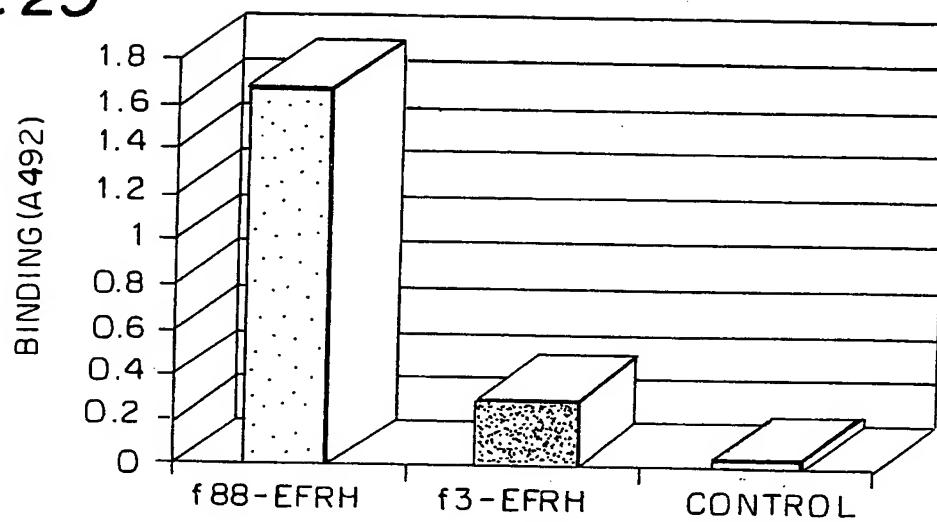
*FIG. 21*



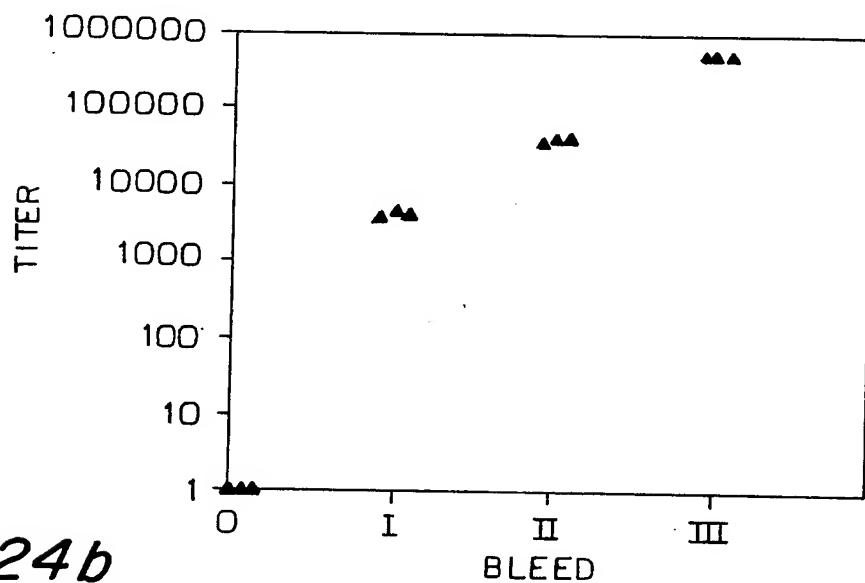
*FIG. 22*



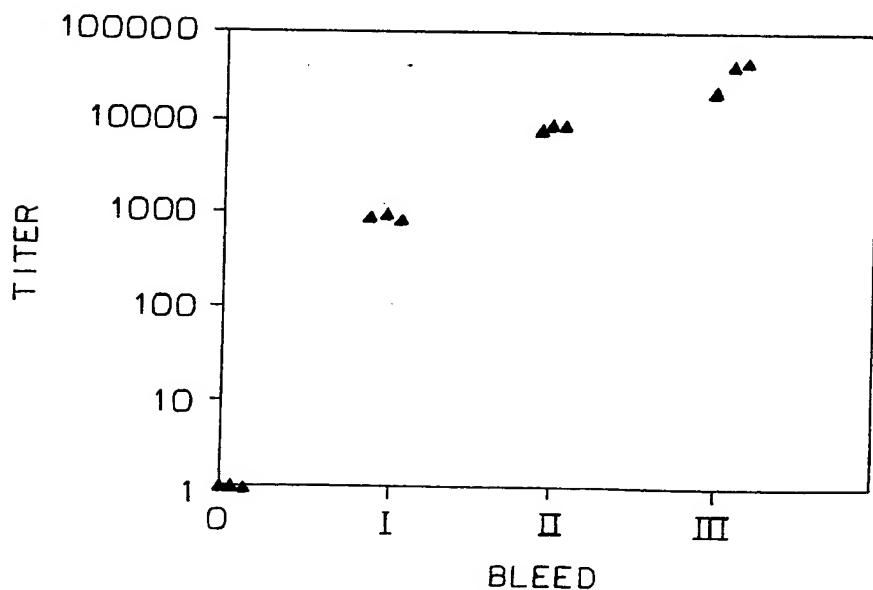
*FIG. 23*



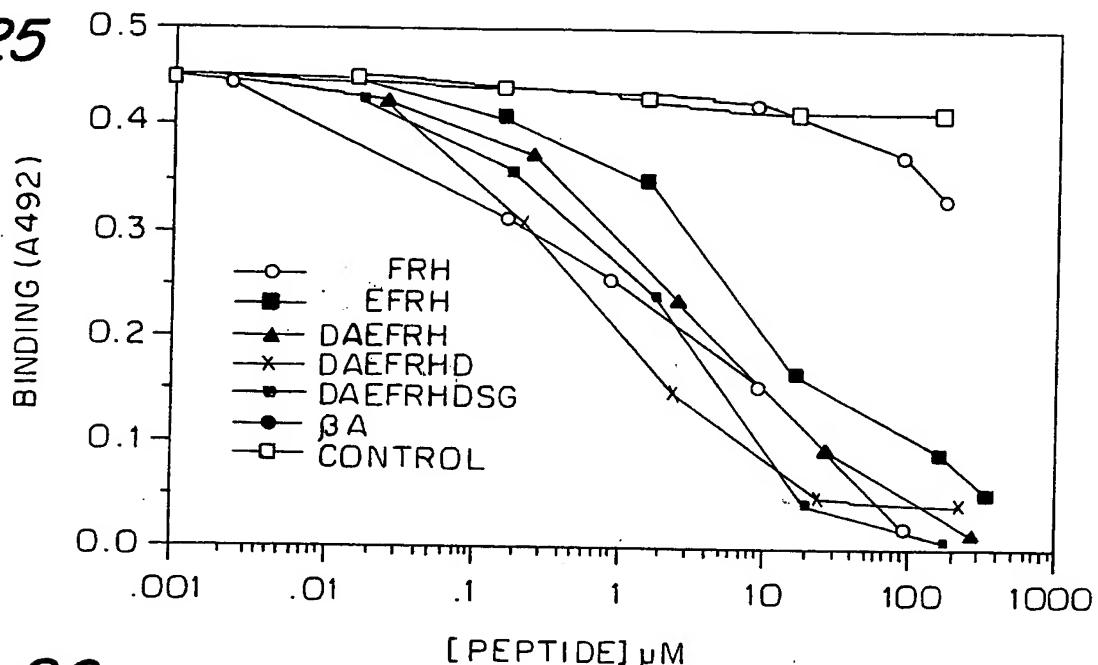
*FIG. 24a*



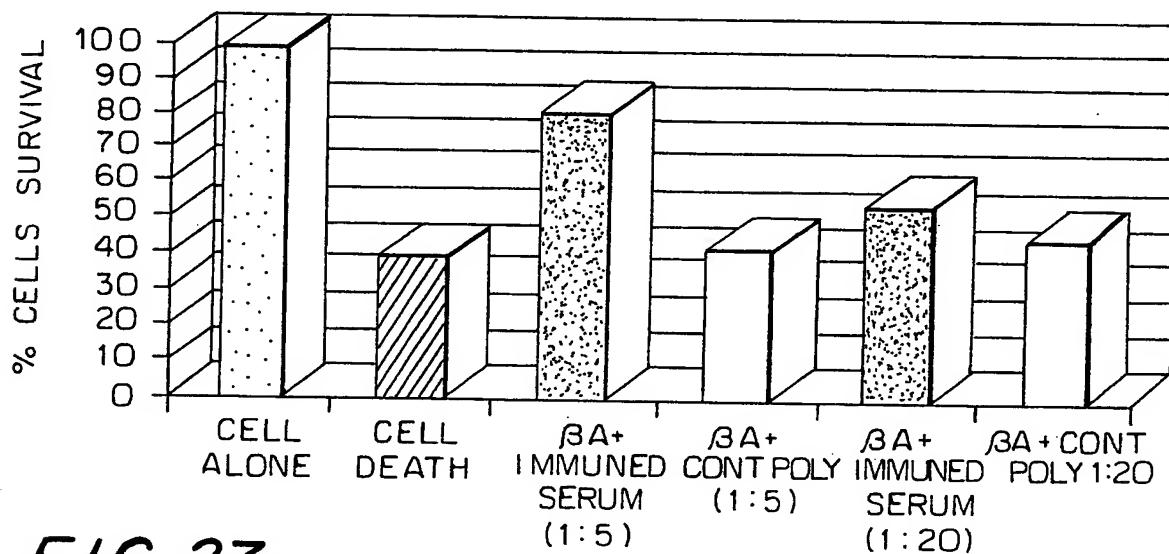
*FIG. 24b*



**FIG. 25**



**FIG. 26**



**FIG. 27**

